7-93-01

PTO/SB/05 (2/98)

# PATENT APPLICATION

July 20, 2001 500431.04 Attorney Docket No. First Inventor or Application Identifier Vishnu K. Agarwal

MECHANICAL PLANARIZATION PROCESS   Express Mail Label No.   El 647552201 US	PATENT APPLICATION							
### APPLICATION ELEMENTS  ### CP-Roman or CD-Roman or Detail Pages   7.	Title METHOD AND APPARATUS FOR ENDPOINTING A CHEMICAL							
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Statement Regarding Fed sponsored R & U Reference to Microfiche Appendix Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure A Companying Application June 135 U.S.C. 122(b)(2)(B)(i) Data Mark W. Roberts, Eq. Dorsey & Whitney LLP 14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information how and in a preliminary amendment  Reference to Microsure (170) and supplication (170) and supply the requisite information how and in a preliminary amendment  Reference to Microsure (170) and supply the requisite information how and in a preliminary amendment  Continuation  Nowly executed (original or copy)  DELETION OF INVENTOR(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)  Mark W. Roberts, Esq. Dorsey & Whitney LLP 1420 Fifth Axenue, Suite 3400 Seattle, Washington 98101-4010 (206) 903-8820 fax  TYPED or PRINTED NAME Mark W. Roberts, Ph.D.  Statement (verifying identity of above copplead on the file application of the lower of the prior application and subst. Po.D.  Statement (verifying identity of above copplead)  Certification Under 35 U.S.C. 122(b)(2)(B)(i)  ACCOMPANYING APPLICATION PARTS  Statement (verifying identity of above copplead to present a suspense of the prior application, from which a copy of the coth or declaration is supplied under Box 5b, is considered to be part of the disclosure of the prior application and is hereby incorporated by reference therein.  Correspondence Address  Customer No. 27,076  Description of the Inventor of the prior application and is hereby incorporated by reference therein.  TypeD or PRINTED NAME Mark W. Roberts, Ph.D.  Registration No. 46,160  ACCOMPANYING APPLICATION ACCOUNTS  Certification Under 35 U.S.C. 122(b)(2)(C)(C)  ACCOUNTS  Certification Under 35 U.S.C. 122(b)(2)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)	Cross References to Related Application	ns	υ. [	ii. 🗍 I	paper	r		
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11. X 37 CFR 3.73(b) Statement (when there is an assignment (the papticable)  12. English Translation Document (if applicable)  13. X Preliminary Amendment Total Pages 2  14. X Return Receipt Postcard  15. X Information Disclosure  16. X Application Data Sheet (37 C.F.R. 1.76)  17. X Other: Certified Copy of Priority Document(s)  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment  19. Continuation  19. Continuation: Examiner George A Goudreau  19. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part the disclosure of the prior application and is hereby incorporated by reference therein.  19. CORRESPONDENCE ADDRESS  19. Customer No. 27,076  19. Customer No. 46,160	- Claim(s)		10.	Assignment Par	pers (cover shee	et & document(s))		
a. Newly executed (original or copy)  a. Newly executed (original or copy)  b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)  6. X Application Data Sheet (37 C.F.R. 1.76)  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Continuation X Divisional Continuation-In-Part (CIP) of prior Application No. 09/139.814 Filed August 25, 1998  Prior application information: Examiner George A Goudreau  Information No. 09/139.814 Filed August 25, 1998  Incorporation By Reference (useable if box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the prior application and is hereby incorporated by reference therein.  CORRESPONDENCE ADDRESS  Mark W. Roberts, Esq. Dorsey & Whitney LLP 14.20 Fifth Avenue, Suite 3400 Seattle, Washington 98101-4010 (206) 903-8820 fax  TYPED or PRINTED NAME Mark W. Roberts, Ph.D. REGISTRATION NO. 46, 160  THE PRINTED NAME Mark W. Roberts, Ph.D.  REGISTRATION NO. 46, 160  THE PRINTED NAME Mark W. Roberts, Ph.D.  REGISTRATION NO. 46, 160	f. X Drawing(s) (35 USC 113) [Total Sheets]	5	11. <b>X</b>	37 CFR 3.73(b) S (when there is an as	tatement X	Power of Attorney		
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b. X Copy from a prior application (37 CFR 1.38(I)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)  Application Data Sheet (37 C.F.R. 1.76)  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Copy of Revocation and Subst. POA  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Copy of Revocation and Subst. POA  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Copy of Revocation and Subst. POA  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Copy of Revocation and Subst. POA  18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Copy of Revocation and Subst. POA  19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment Copy of Application No. 20/139.814 Filed August 25, 1998  The entire disclosure of the prior application from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.  CORRESPONDENCE ADDRESS  Mark W. Roberts, Esq. Dorsey & Whitney LLP 1420 Fifth Avenue, Suite 3400 Seattle, Washington 98101-4010 (206) 903-8800 phone	Newly executed (original or copy)		13. <b>X</b>	Preliminary Am	endment Tot	tal Pages <u>2</u>		
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 Submitted by:

 Name: Mark W. Roberts, Ph.D.
 Reg. No.: 46,160
 Telephone: (206) 903-8728

 Signature;
 Date: J. (g. 202)

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Vishnu K. Agarwal

Attorney Docket No.: 500431.04

Filed

: July 20, 2001

Title

: METHOD AND APPARATUS FOR ENDPOINTING A CHEMICAL-

MECHANICAL PLANARIZATION PROCESS

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

**Box Patent Application** Commissioner of Patents Washington, D.C. 20231

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 647552201 US, on July 20, 2001, addressed to Box Patent Application, Commissioner of Patents, Washington, DC 20231.

Respectfully submitted,

DORSEY & WHITNEY LLP

MWR:sj

Enclosures:

Postcard

Check

Form PTO/SB/05

Application Data Sheet

Fee Transmittal Sheet (+ copy)

General Authorization

Preliminary Amendment

Copy of Previously Filed Specification, Claims, Abstract (33 pages)

Copy of 5 Sheets of Drawings (Figures 1-7)

Copy of Declaration

Copy of Election and Power of Attorney

Copy of Revocation and Substitute Power of Attorney

Information Disclosure Statement and Form PTO-1449

**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

: Vishnu K. Agarwal

Attorney Docket No.: 500431.04

Filed

: Concurrently Herewith

Title

: METHOD AND APPARATUS FOR ENDPOINTING A CHEMICAL-MECHAN

PLANARIZATION PROCESS

### **GENERAL AUTHORIZATION**

Box Patent Application Commissioner of Patents Washington, D.C. 20231

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date July 20 2001

Mark W. Roberts, Ph.D.

Registration No. 46,160

MWR:si

1420 Fifth Avenue, Suite 3400 Seattle, WA 98101-4010 (206) 903-8800 Fax (206) 903-8820